

Form PTO-1390

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTORNEY'S Docket NUMBER

P19291

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

09 / 508527

INTERNATIONAL APPLICATION NO.

PCT/JP98/04457

INTERNATIONAL FILING DATE

2 October 1998

PRIORITY DATE CLAIMED

2 October 1997

TITLE OF INVENTION

METHOD OF INFERRING THREE-DIMENSIONAL STRUCTURE OF PROTEIN

APPLICANT(S) FOR DO/EO/US

Akiko ITAI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information.

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
  2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
  3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
  4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
  5. ☒ A copy of the International Application as filed (35 U.S.C. 371(C)(2))
    - a. ☒ is transmitted herewith (required only if not transmitted by the International Bureau).
    - b. ☒ has been transmitted by the International Bureau.
    - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
  6. ☒ A Translation of the International Application into English (35 U.S.C. 371 (c)(2)).
  7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
    - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
    - b. ☐ have been transmitted by the International Bureau.
    - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
    - d. ☒ have not been made and will not be made.
  8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
  9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
  10. ☐ "Unexecuted"
  10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (U.S.C. 371(c)(5)).
- Items 11. to 16. below concern other document(s) or information included:
11. ☐ An information Disclosure Statement under 37 CFR 1.97 and 1.98.
  12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
  13. ☒ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
  14. ☐ A substitute specification.
  15. ☐ A change of power of attorney and/or address letter.
  16. ☒ Other items or information:
    - International Application as published (in Japanese).
    - PCT/RO/101 - PCT Request (in English and Japanese).
    - PCT/IB/301.
    - PCT/IB/304.
    - PCT/IB/308.
    - PCT/IB/332.
    - PCT/IPEA/408 (in Japanese).
    - PCT/IPEA/409 (in Japanese).
    - PCT/ISA/210 - International Search Report (in Japanese).
    - Cover Letter under 35 U.S.C. 371 and 1.495.
    - Claim of Priority.

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.  
PCT/JP98/04457ATTORNEY'S DOCKET NUMBER  
P19217. ☒ The following fees are submitted:

Basic National Fee (37 CFR 1.492(a)(1)-(5)):

Search report has been prepared by the EPO or JPO. . . . . \$ 840.00

International preliminary examination fee paid to USPTO (37 CFR 1.482). . . . . \$ 670.00

No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO(37 CFR 1.445(a)(2)) . . . . . \$ 760.00

Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO. . . . . \$ 970.00

International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4). . . . . \$ 96.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

CALCULATIONS PTO USE ONLY

\$840.00

Surcharge of \$130.00 for furnishing the oath or declaration later than \_\_\_ 20 \_\_\_ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$

Claims	Number Filed	Number Extra	RATE
Total Claims	11 - 20 =	0	X \$18.00
Independent Claims	1 - 3 =	0	X \$78.00
Multiple dependent claim(s) (if applicable)			+ \$260.00

\$0.00

\$0.00

\$0.00

TOTAL OF ABOVE CALCULATIONS =

\$840.00

Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28)

\$0.00

SUBTOTAL =

\$840.00

Processing fee of \$130.00 for furnishing the English translation later than \_\_\_ 20 \_\_\_ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).

+ \$

Extension of Time fee in the amount of \$

+ \$

TOTAL NATIONAL FEE =

\$840.00

Fee for recording the enclosed assignment (37 CFR 1.21(h). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property

+ \$

TOTAL FEES ENCLOSED =

\$840.00

Amount to be refunded \$

Charged \$

a. ☒ A check in the amount of \$840.00 to cover the above fees is enclosed.

b. \_\_\_ Please charge my Deposit Account No. \_\_\_ in the amount of \$ \_\_\_ to cover the above fees.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0089.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

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NAME

29.027  
REGISTRATION NUMBER

P19291.P02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant :A. ITAI

Serial No :Not Yet Assigned  
(U.S. National Phase of PCT/JP98/04457)

Filed :Concurrently Herewith

For : METHOD OF INFERRING THREE-DIMENSIONAL STRUCTURE OF PROTEIN

**COVER LETTER ACCOMPANYING U.S. NATIONAL STAGE PATENT  
APPLICATION FILED UNDER 35 U.S.C. 371  
AND 37 C.F.R. 1.495**

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Enclosed is a new National Stage patent application for filing in the U.S. Patent and Trademark Office under 35 U.S.C. 371 and 37 C.F.R. 1.495. The Declaration and Power of Attorney attached thereto are in unexecuted form. A properly executed Declaration and Power of Attorney, will be filed within the period of time set in a Notification to be mailed by the United States Patent and Trademark Office.

Related to this, a correspondence address is provided in the unexecuted Declaration and Power of Attorney, and is as follows:

GREENBLUM & BERNSTEIN, P.L.C.  
1941 Roland Clarke Place  
Reston, Va. 20191

If there any questions pertaining to this National Stage Application, the please contact the undersigned below.

Respectfully submitted,

A. ITAI

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Bruce H. Bernstein  
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April 3, 2000  
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